

Current Status of the Claims

Claims 1 to 20 incl. (cancelled)

21. (currently amended) A filtering system comprising:

an inlet for receiving liquid to be filtered,

a reservoir fed by said inlet,

an outlet for receiving fluid that overflows said reservoir,

a plurality of adjacent filter cells fed by said reservoir,

each filter cell having:

(a) at least first and second layers of filtering material,

(b) one of which layers receives water from said reservoir,  
and allows said water to pass to the other layer,

(c) the other of said layers having two vertical  
[[horizontal]] sides one of which sides is adjacent said one layer,  
and

(d) a drain adjacent the other said side of said other  
layer, and

an outlet for filtered water fed by said drain,  
said cells being circular and concentric.

22-25 (cancelled)

26. (currently amended) A filtering system as defined in  
claim [[25]] 21, in which said cells are not only circular and  
concentric with each other, but are complete circles extending 360  
degrees.

27. (previously presented) A filtering system as defined in claim 21, in which each layer of each cell is circular and concentric with all other layers of said cells.

28. (previously presented) A filtering system as defined in claim 27, in which each of said layers has top and bottom ends and two sides,

said one layer being open at one end to receive liquid from said reservoir and having a fluid blockade at its other end, said one layer also having a filtering material which is coarse as compared to the filtering material in the other layer,

said other layer having one of its said ends adjacent said reservoir and a fluid blockade at each of its said ends so that fluid passes from said one layer through said other layer to said drain.

29. (previously presented) A filtering system as defined in claim 28, in which a single outlet receives the fluid that overflows said reservoir and also receives the fluid from said drains.

30. (previously presented) A filtering system as defined in claim 29, in which there are more than two of said cells.

31. (previously presented) A filtering system as defined in claim 21, in which said reservoir is below said cells and has a conduit that extends vertically upward to thereby apply sufficient fluid pressure to the fluid in said reservoir to force said fluid

under pressure through said cells, and  
an output drain adjacent said second side of said second  
layer.

32. (cancelled)

33. (previously presented) A filtering system as defined in  
claim 31, in which each layer of each cell is circular, and  
concentric with all other layers.

34. (previously presented) A filtering system as defined in  
claim 33, in which said drains and any fluid that overflows said  
reservoir, feed a common outlet.

35. (previously presented) A filtering system as defined in  
claim 34, in which there are more than two of said cells.

36. (previously presented) A filtering system as defined in  
claim 35, in which each of said layers has top and bottom ends and  
two sides,

said one layer being open at one end to receive liquid from  
said reservoir and having a fluid blockade at its other end, said  
one layer also having a filtering material which is coarse as  
compared to the filtering material in the other layer,

said other layer having one of its said ends adjacent said  
reservoir and a fluid blockade at each of its said ends so that  
fluid passes from said one layer through said other layer to said

drain.

37-40 incl. (cancelled)

41. (currently amended) A filtering system comprising:  
an inlet for receiving fluid to be filtered,  
a reservoir fed by said inlet,  
an outlet for receiving fluid that overflows said reservoir,

and

a filter cell fed by said reservoir,  
said filter cell having:

(a) at least first and second layers of filtering material,  
said first and second layers having a common porous sidewall,

(b) the first of which layers receives fluid from said  
reservoir and allows said fluid to pass through said porous  
sidewall to the second layer,

(c) a drain, said second layer and said drain having a  
common porous sidewall,

said porous sidewalls comprising a material for preventing  
passage of filtering material therethrough while allowing passage  
of fluid therethrough,

~~A filtering system as defined in claim 39,~~ in which there  
are at least two of said cells and in which one of said cells  
completely surrounds another cell in at least one plane.

42 and 43 (cancelled)

44. (currently amended) A filtering system comprising:  
an inlet for receiving fluid to be filtered,  
a reservoir fed by said inlet,  
an outlet for receiving fluid that overflows said reservoir,  
and  
a filter cell fed by said reservoir,  
said filter cell having:  
(a) at least first and second layers of filtering material  
said first and second layers having a common porous sidewall,  
(b) the first of which layers receives fluid from said  
reservoir and allows said fluid to pass through said porous  
sidewall to the second layer,  
(c) a drain, said second layer and said drain having a  
common porous sidewall,  
said porous sidewalls comprising a material for preventing  
passage of filtering material therethrough while allowing passage  
of fluid therethrough,  
A filter cell as defined in claim 39, in which said drain  
surrounds said layers in at least one plane.

45 and 46 (cancelled)

47. (currently amended) A filtering system comprising:  
an inlet for receiving fluid to be filtered,  
a reservoir fed by said inlet,  
an outlet for receiving fluid that overflows said reservoir,

and

a filter cell fed by said reservoir,  
said filter cell having:

(a) at least first and second layers of filtering material,  
said first and second layers having a common porous sidewall,

(b) the first of which layers receives fluid from said  
reservoir and allows said fluid to pass through said porous  
sidewall to the second layer,

(c) a drain, said second layer and said drain having a  
common porous sidewall,

said porous sidewalls comprising a material for preventing  
passage of filtering material therethrough while allowing passage  
of fluid therethrough,

~~A filter cell as defined in claim 39, in which said layers~~  
~~and drain are not only cylindrical and concentric but and said~~  
~~drain surrounds said layers in at least one plane.~~

48 to 52 incl. (cancelled)

53. (amended) A filtering system comprising:

a first filtering media,

a second filtering media that is different than said first  
media.

a first porous barrier that allows fluid, but not filtering media, to flow through it, separating said first and second filtering media.

a drain.

a second porous barrier separating said drain from said second filtering media, said second porous barrier allowing fluid to flow through it from said second filtering media to said drain but not allowing filtering media to pass through it, and

an inlet for feeding fluid to be filtered to said first filtering media.

~~A filtering system as defined in claim 49, wherein said first filtering media has two sides,~~

~~said second filtering media being located adjacent both of said two sides,~~

~~said first porous barrier extending between said first and second media along both of said two sides.~~

54 and 55 (cancelled)

56. (currently amended) A filtering system, comprising:  
a first filtering media,

a second filtering media that is different than said first media,

a first porous barrier that allows fluid, but not filtering media, to flow through it, separating said first and second filtering media,

a drain.

~~a second porous barrier separating said drain from said second filtering media, said second porous barrier allowing fluid to flow through it from said second filtering media to said drain but not allowing filtering media to pass through it, and~~

~~an inlet for feeding fluid to be filtered to said first filtering media, and~~

~~a reservoir having a tray feeding fluid to be filtered to said first filtering media, said tray having an overflow outlet,~~

~~a filtering system as defined in claim 55, in which said first filtering media has two sides and said first porous barrier and said second filtering media extend along both of said sides, so that fluid in said first filtering media may pass out both of its sides to said second filtering media.~~

57. (currently amended) A filtering system comprising:

a first filtering media having two sides,

first and second porous barriers each of which has a first face and a second face,

said first face of said first barrier covering one of said sides and the first face of the second barrier covering said other said side,

a second filtering media having a first face covering the second face of said first barrier, said second filtering media having a second face,

~~a filtering media covering the second face of said second~~



~~barrier.~~

a third porous barrier that receives fluid from and covers said second face of said second filtering media,

a first drain that receives fluid that has passed through said third porous barrier,

a third filtering media having one face covering the second face of said second porous barrier, said third filtering media having a second face,

a fourth porous barrier that receives fluid from and covers said second face of said third filtering media, and

a second drain that receives fluid that passes through said fourth porous barrier.

58. (previously presented) A filtering system as defined in claim 57, in which said second and third filtering media are interconnected and therefore comprise a continuous filtering media.

59. (previously presented) A filtering system as defined in claim 58, in which said first filtering media is elongated and has two ends,

a fifth porous barrier covering one of said ends and

a filtering media covering said barrier that covers said one end.

60. (previously presented) A filtering system as defined in claim 59, in which said first, second and fifth porous barriers comprise one continuous barrier.

61. (previously presented) A filtering system as defined in claim 57, in which said second and third filtering media and said drains are circular and concentric.

62. (previously presented) A filtering system as defined in claim 57, in which one of said drains surrounds, in one plane, all of the other elements of said claim 57.

63. (previously presented) A filtering system as defined in claim 57, in which said porous barriers comprise a geotextile material that is fine enough to retain said second and third filtering media.